

# Specifications.

## The new BMW M3 CS.



BMW M3 CS		
<b>Body</b>		
No of doors/seats		4/5
Length/width/height (unladen)	mm	4671/1877/1424
Wheelbase	mm	2812
Track, front/rear	mm	1579/1604
Ground clearance	mm	119
Turning circle	m	12.2
Fuel tank capacity	approx. l	60
Cooling system incl. heater	l	10.0
Engine oil <sup>1)</sup>	l	7.0
Weight, unladen, to EU (excl. driver/incl. driver)	kg	1585/1660
Max load to EU	kg	515
Max permissible weight	kg	2100
Max axle load, front/rear	kg	990/1170
Max trailer load,	kg	---/---
Braked (12%/unbraked		
Max roofload/max towbar download	kg	75/---
Luggage comp capacity	l	445
Air resistance	C <sub>d</sub> x A	0.355 x 2.25
<b>Power Unit</b>		
Config/No of cyls/valves		In-line/6/4
Engine technology		M TwinPower Turbo technology: two mono-scroll turbochargers, High Precision Injection, VALVETRONIC fully variable valve timing, Double-VANOS variable camshaft timing
Effective capacity	cc	2979
Stroke/bore	mm	89.6/84.0
Compression ratio	:1	10.2
Fuel		RON95 – RON98 (rec.)
Max output	kW/hp	338/460
at	rpm	6250
Max torque	Nm/lb-ft	600/442
at	rpm	4000 – 5380
<b>Electrical System</b>		
Battery/installation	Ah/-	69/Luggage compartment
Alternator	A/W	209/2926
<b>Driving Dynamics and Safety</b>		
Suspension, front		Adaptive M suspension with aluminium double-joint spring-strut axle and M-specific elastokinematics
Suspension, rear		Adaptive M suspension with five-link axle in lightweight aluminium construction
Brakes, front		M compound brakes, vented, with four-piston fixed callipers
Brakes, rear		M compound brakes, vented, with two-piston fixed callipers
Driving stability systems		Standard: DSC incl. ABS and M Dynamic Mode, CBC (Cornering Brake Control), DBC (Dynamic Brake Control), Dry Braking function, Start-Off Assistant, Active M Differential
Safety equipment		Standard: airbags for driver and front passenger, side airbags for driver and front passenger, head airbags for front and rear seats, three-point inertia-reel seatbelts on all seats
Steering		Electric Power Steering (EPS) with M-specific Servotronic function
Steering ratio, overall	:1	15.0
Tyres, front/rear		265/35 ZR 19 98Y 285/30 ZR 20 99Y
Rims, front/rear		9 J x 19 Light Alloy 10 J x 20 Light Alloy

**BMW M3 CS**

**Transmission**

Type of transmission	Seven-speed M Double Clutch Transmission (M DCT) with Drivelogic	
Gear ratios	I :1	4.806
	II :1	2.593
	III :1	1.701
	IV :1	1.277
	V :1	1.000
	VI :1	0.844
	VII :1	0.671
	VIII :1	-----
	R :1	4.172
Final drive	:1	3.462

**Performance**

Power-to-weight ratio	kg/kW	4.69
EU excl. driver		
Output per litre	kW/l	113
Acceleration 0–100 km/h	s	3.9
In 4th/5th gear 80–120 km/h	s	3.4/4.3
Top speed	km/h	280 <sup>2)</sup>

**BMW EfficientDynamics**

BMW EfficientDynamics standard features	Brake Energy Regeneration, Electric Power Steering, Auto Start Stop function, map-regulated oil pump
---	--

**Fuel Consumption ECE<sup>3)</sup>**

With standard tyres:		
Urban	l/100 km	11.2
Extra-urban	l/100 km	6.9
Combined	l/100 km	8.5
CO <sub>2</sub>	g/km	198
Emission rating		EU6

Specifications apply to ACEA markets/data relevant to homologation apply in part only to Germany (weight)

<sup>1)</sup> Oil change with filter

<sup>2)</sup> Limited, with standard M Driver's Package

<sup>3)</sup> Provisional fuel consumption and CO<sub>2</sub> emissions depend on the selected tyre format

Further information on official fuel consumption figures, specific CO<sub>2</sub> emission values and the electric power consumption of new passenger cars is included in the following guideline: "Leitfaden über Kraftstoffverbrauch, die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen" (Guideline for fuel consumption, CO<sub>2</sub> emissions and electric power consumption of new passenger cars), which can be obtained from all dealerships, from Deutsche Automobil Treuhand GmbH (DAT), Hellmuth-Hirth-Str. 1, 73760 Ostfildern-Scharnhausen and at <http://www.dat.de/en/offers/publications/guideline-for-fuel-consumption.html>.